

<sup>4</sup>1. (Amended) The method of claim <sup>1</sup>2 wherein the maximum allowed vehicle deceleration is continuously variable.

<sup>5</sup>6. (Amended) The method of claim <sup>4</sup>7 wherein the maximum allowed vehicle deceleration varies in a range between about 0.2 g and about 0.3 g.

<sup>A3</sup> 9. (Amended) In an adaptive speed control system for a vehicle, a system for controlling vehicle deceleration, the system comprising:  
a receiver for receiving an input signal indicative of a speed of the vehicle; and  
a controller for setting a maximum allowed vehicle deceleration based on the vehicle speed.

<sup>sub 327</sup> 10. (Amended) The system of claim 9 wherein, to set the maximum allowed vehicle deceleration based on the vehicle speed, the controller is also for adjusting the maximum allowed vehicle deceleration in an inverse relationship to the vehicle speed.

<sup>9</sup>11. (Amended) The system of claim <sup>8</sup>10 wherein, to adjust the maximum allowed vehicle deceleration, the controller is also for decreasing the maximum allowed vehicle deceleration as the vehicle speed increases.

<sup>10</sup>12. (Amended) The system of claim <sup>8</sup>10 wherein, to adjust the maximum allowed vehicle deceleration, the controller is also for increasing the maximum allowed vehicle deceleration as the vehicle speed decreases.

<sup>11</sup>13. (Amended) The system of claim <sup>8</sup>10 wherein the maximum allowed vehicle deceleration is continuously variable.

<sup>12</sup>14. (Amended) The system of claim <sup>11</sup>13 wherein the maximum allowed vehicle deceleration varies in a range between about 0.2 g and about 0.3 g.